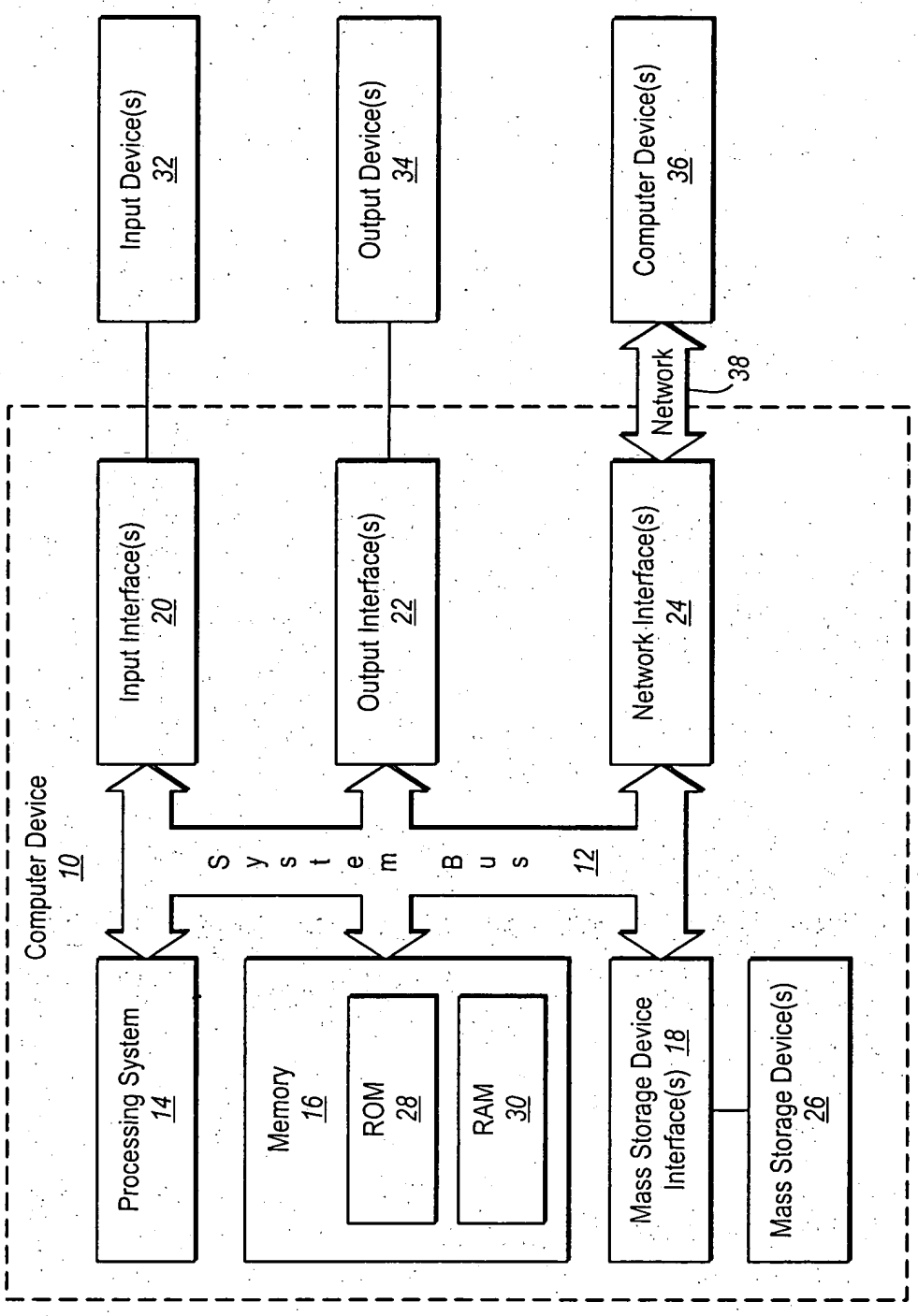

Input Device(s)
32
Output Device(s)
34
Computer Device(s)
36
Network
38
Computer Device
10
Input Interface(s)
20
Output Interface(s)
22
Network Interface(s)
24
System Bus
12
Processing System
14
Memory
16
ROM
28
RAM
30
Mass Storage Device
Interface(s) 18
Mass Storage Device(s)
26

Fig. 1

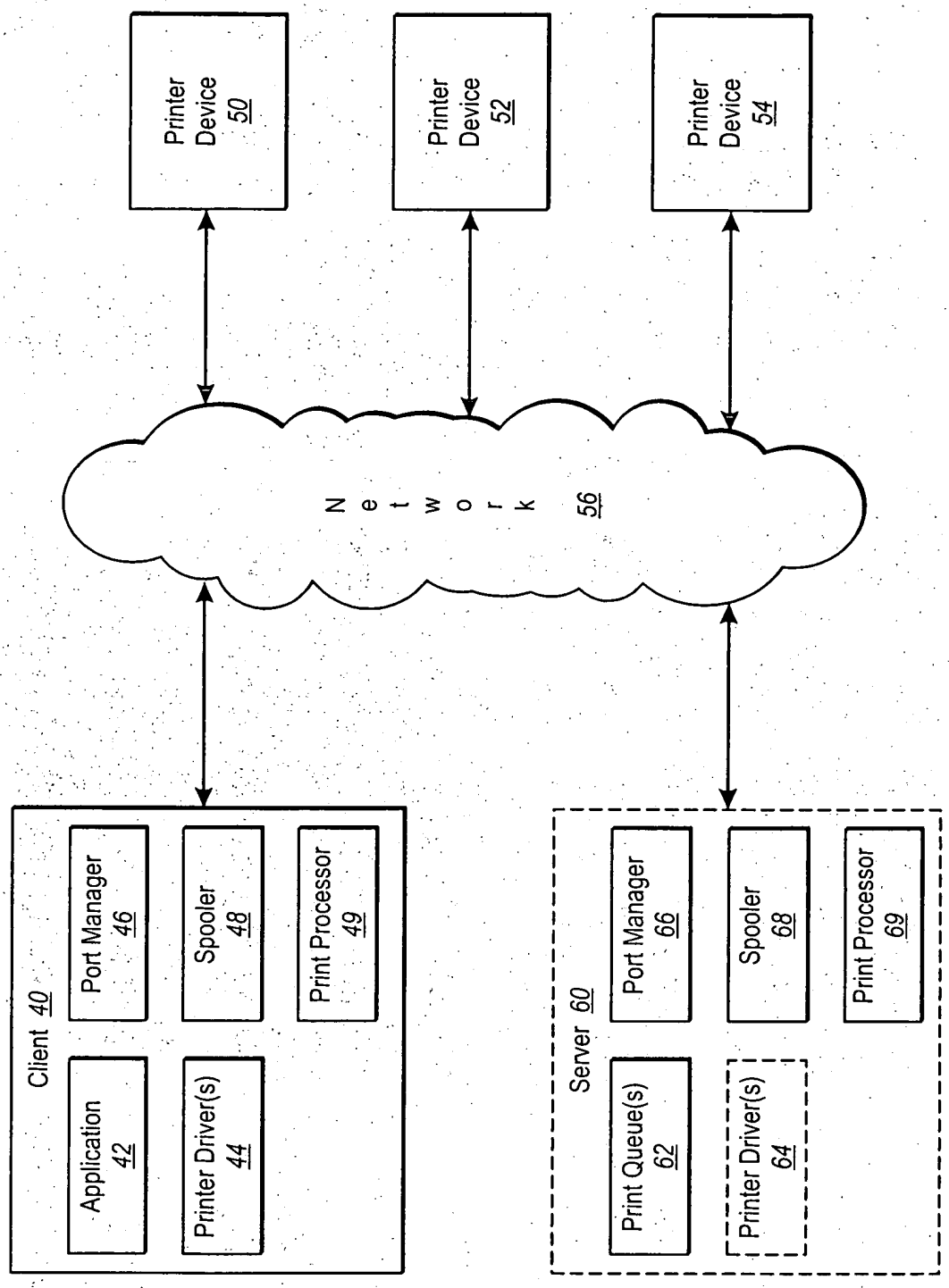

Printer Device 50
Printer Device 52
Printer Device 54
Network 56
Client 40
Application 42
Port Manager 46
Printer Driver(s) 44
Spooler 48
Print Processor 49
Server 60
Print Queue(s) 62
Port Manager 66
Printer Driver(s) 64
Spooler 68
Print Processor 69

Fig. 2

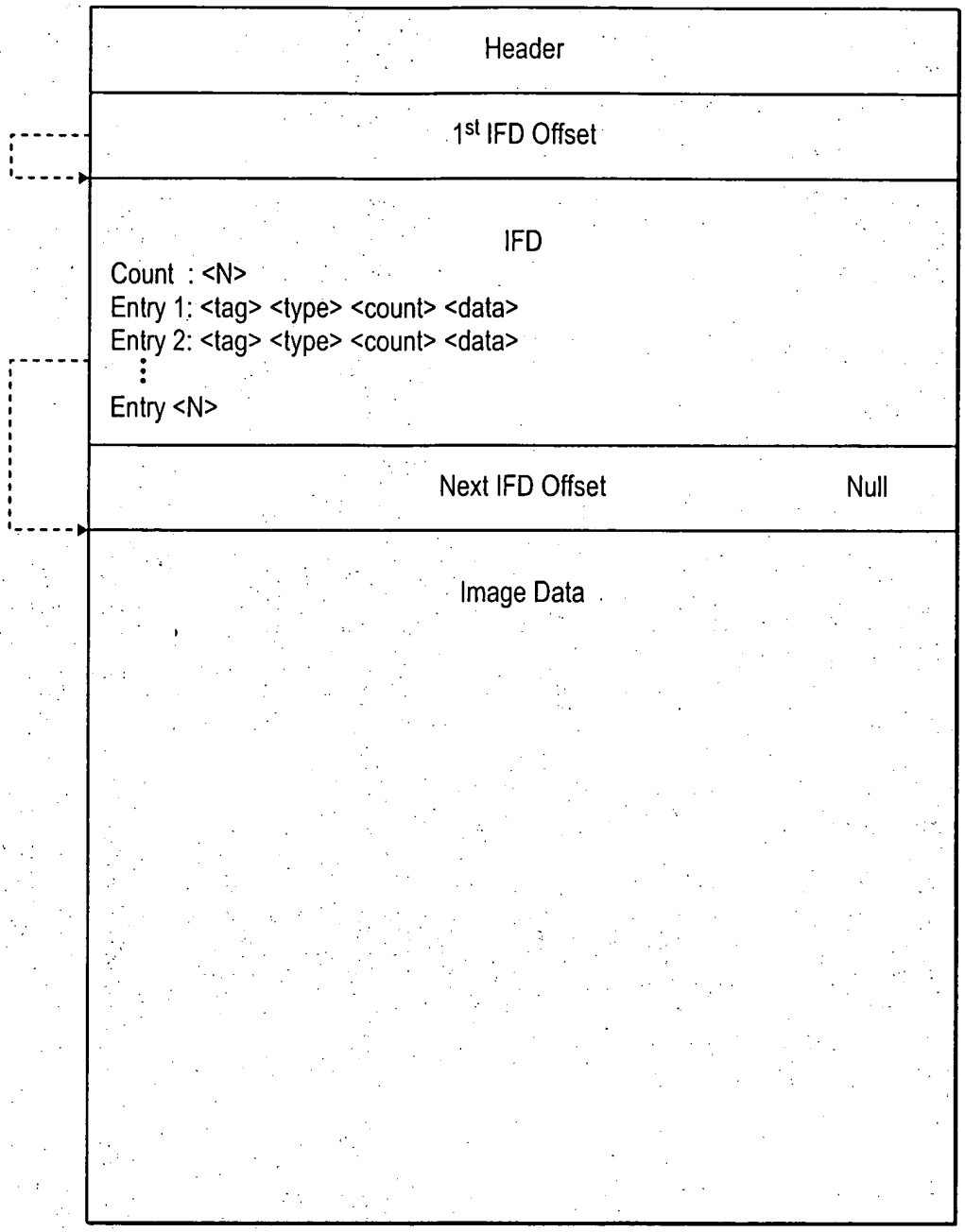

Header
1st IFD Offset
IFD
Count : <N>
Entry 1: <tag> <type> <count> <data>
Entry 2: <tag> <type> <count> <data>
Entry <N>
Next IFD Offset
Null
Image Data

Fig. 3

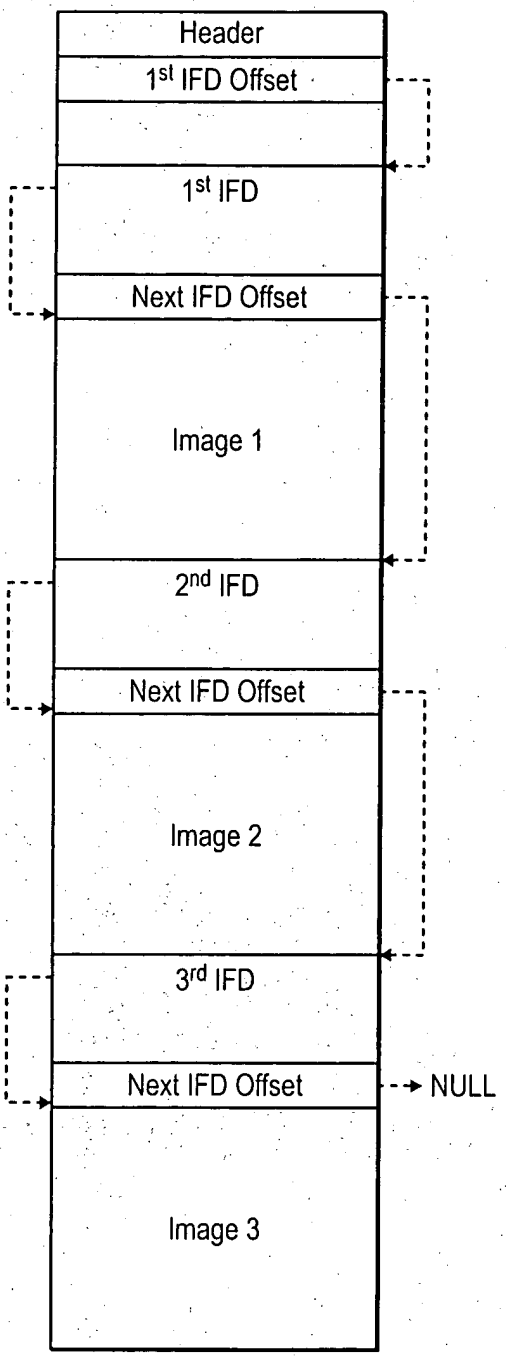
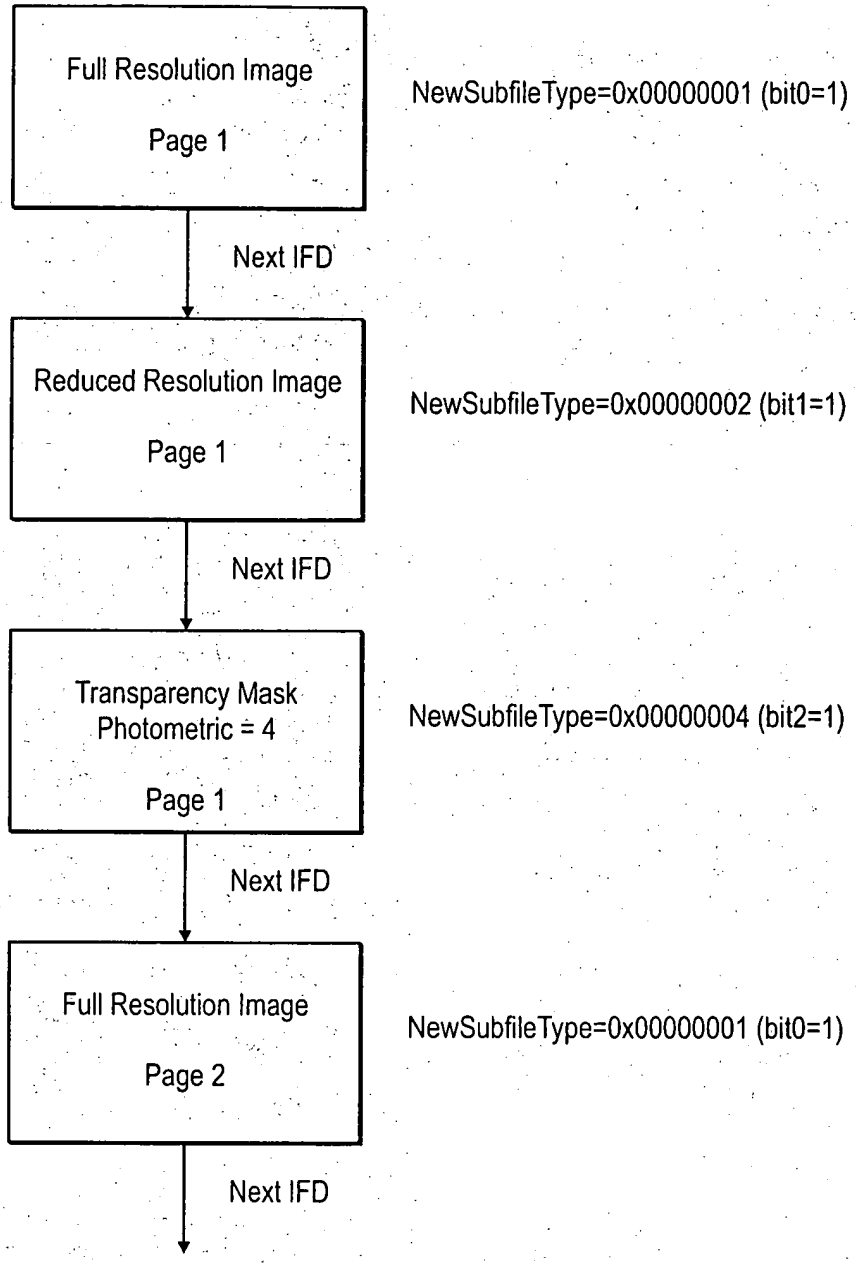

Header
1st IFD Offset
1st IFD
Next IFD Offset
Image 1
2nd IFD
Next IFD Offset
Image 2
3rd IFD
Next IFD Offset
NULL
Image 3

Fig. 4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Page 1
NewSubfileType=0x00000001 (bit0=1)
Next IFD
Reduced Resolution Image
Page 1
NewSubfileType=0x00000002 (bit1=1)
Next IFD
Transparency Mask
Photometric = 4
Page 1
NewSubfileType=0x00000004 (bit2=1)
Next IFD
Full Resolution Image
Page 2
NewSubfileType=0x00000001 (bit0=1)
Next IFD

Fig. 5

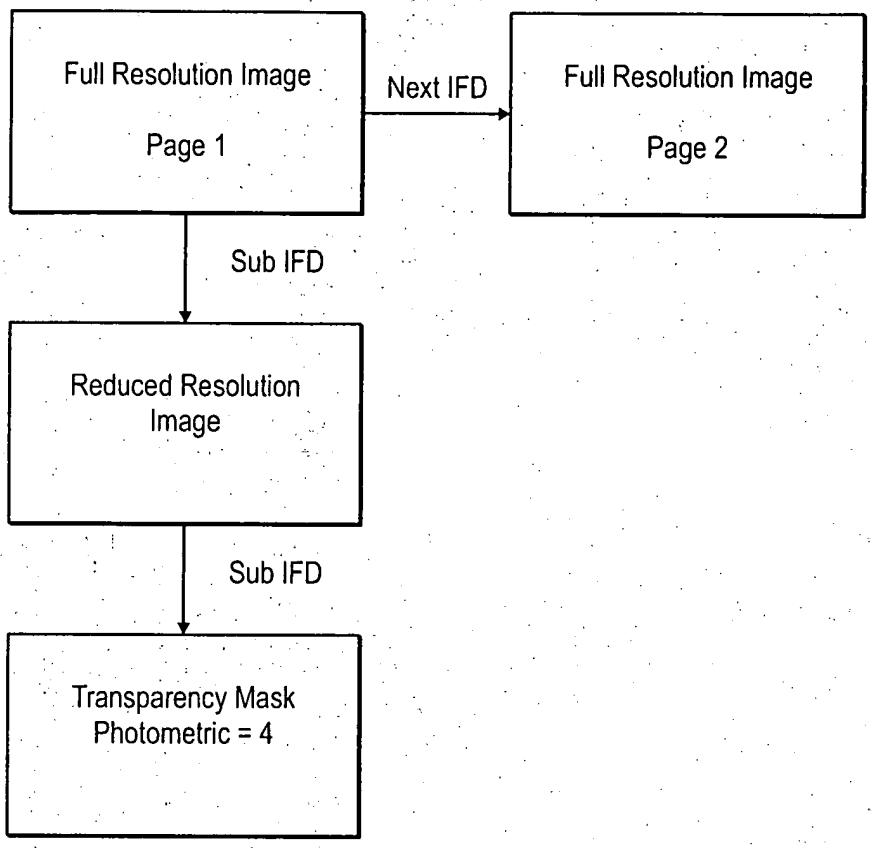
Full Resolution Image
Page 1
Next IFD
Full Resolution Image
Page 2
Sub IFD
Reduced Resolution
Image
Sub IFD
Transparency Mask
Photometric = 4

Fig. 6

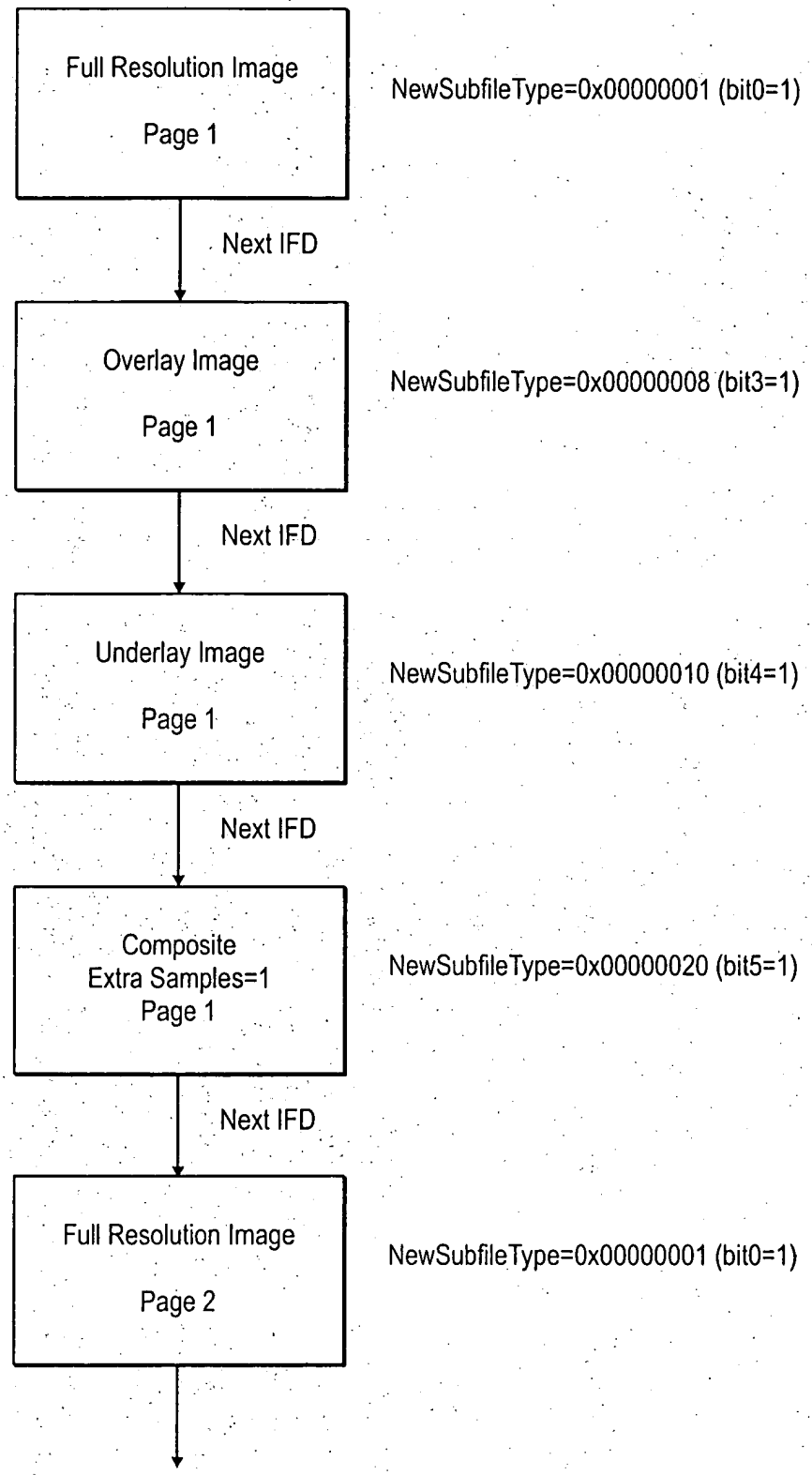
Full Resolution Image
Page 1
NewSubfileType=0x00000001 (bit0=1)
Next IFD
Overlay Image
Page 1
NewSubfileType=0x00000008 (bit3=1)
Next IFD
Underlay Image
Page 1
NewSubfileType=0x00000010 (bit4=1)
Next IFD
Composite
Extra Samples=1
Page 1
NewSubfileType=0x00000020 (bit5=1)
Next IFD
Full Resolution Image
Page 2
NewSubfileType=0x00000001 (bit0=1)

Fig. 7

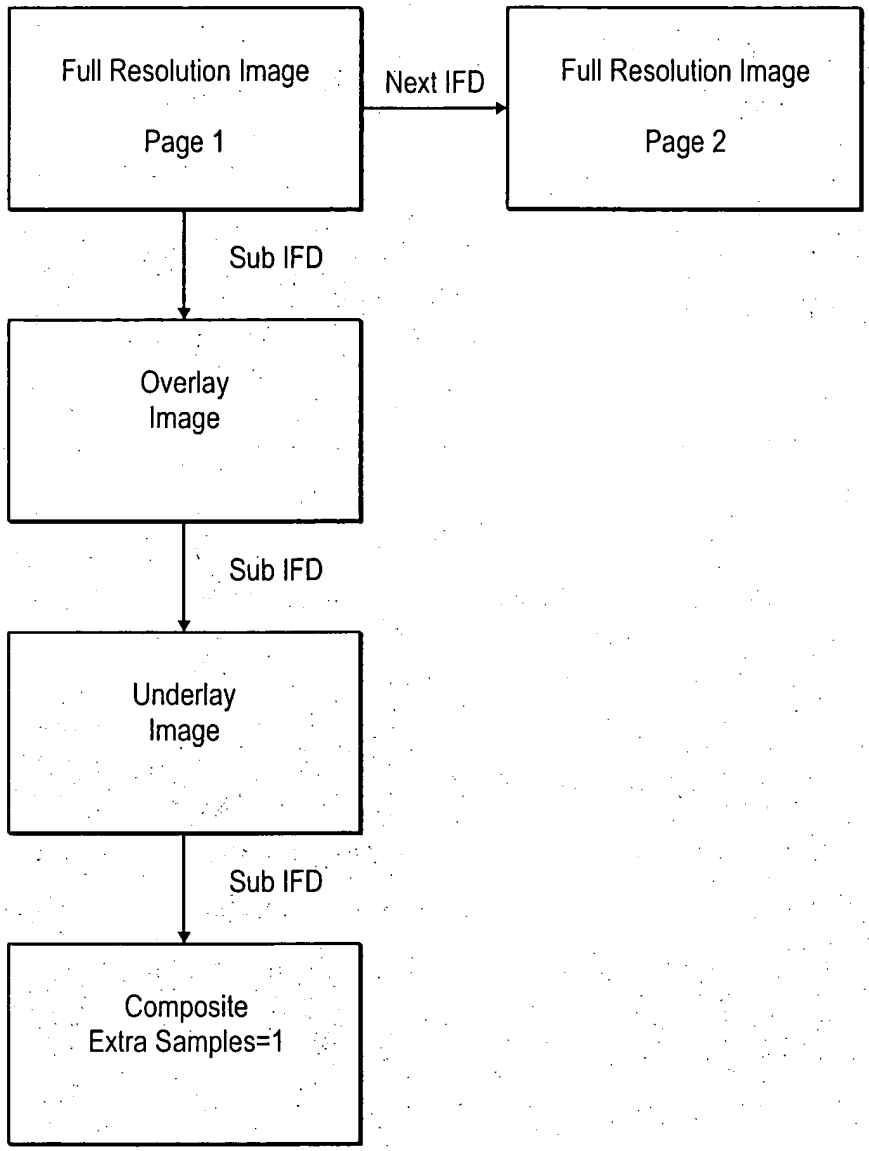
Full Resolution Image
Page 1
Next IFD
Full Resolution Image
Page 2
Sub IFD
Overlay
Image
Sub IFD
Underlay
Image
Sub IFD
Composite
Extra Samples=1

Fig. 8

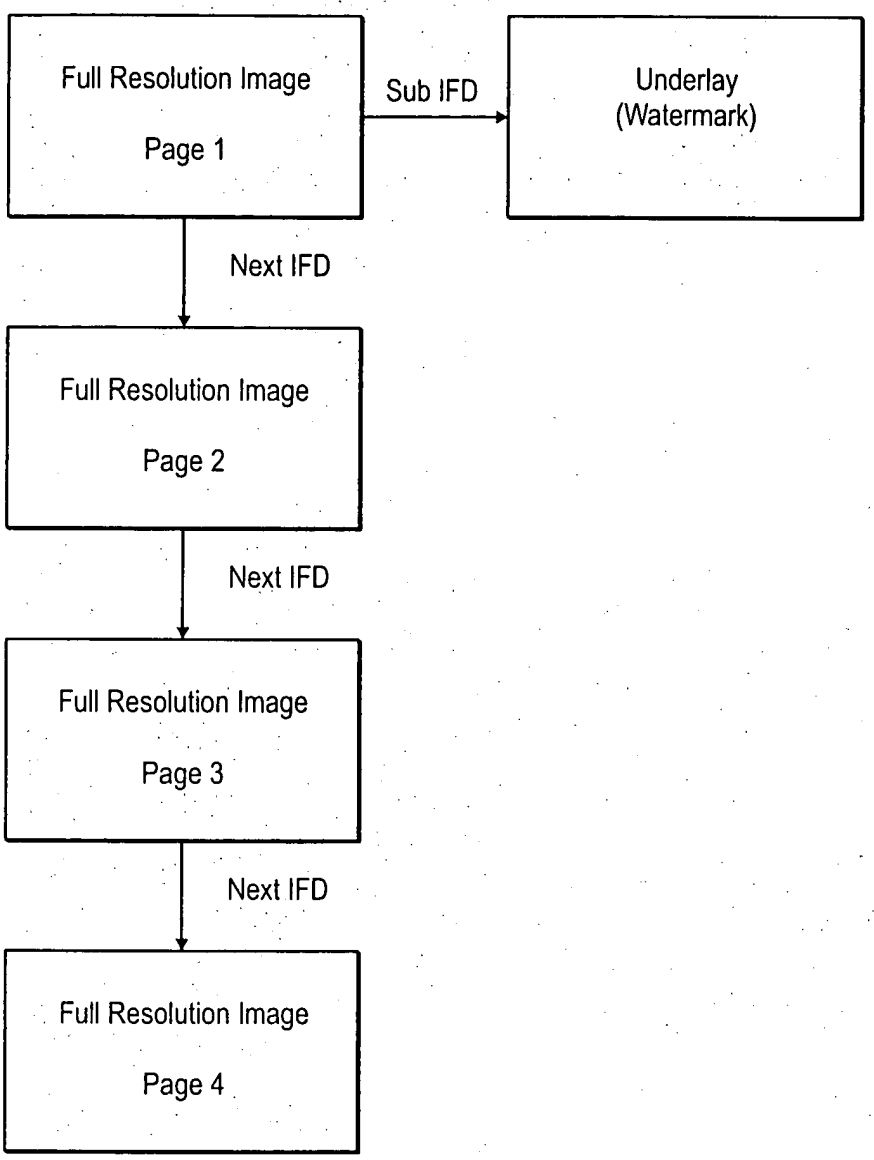
Full Resolution Image
Page 1
Sub IFD
Underlay
(Watermark)
Next IFD
Full Resolution Image
Page 2
Next IFD
Full Resolution Image
Page 3
Next IFD
Full Resolution Image
Page 4

Fig. 9

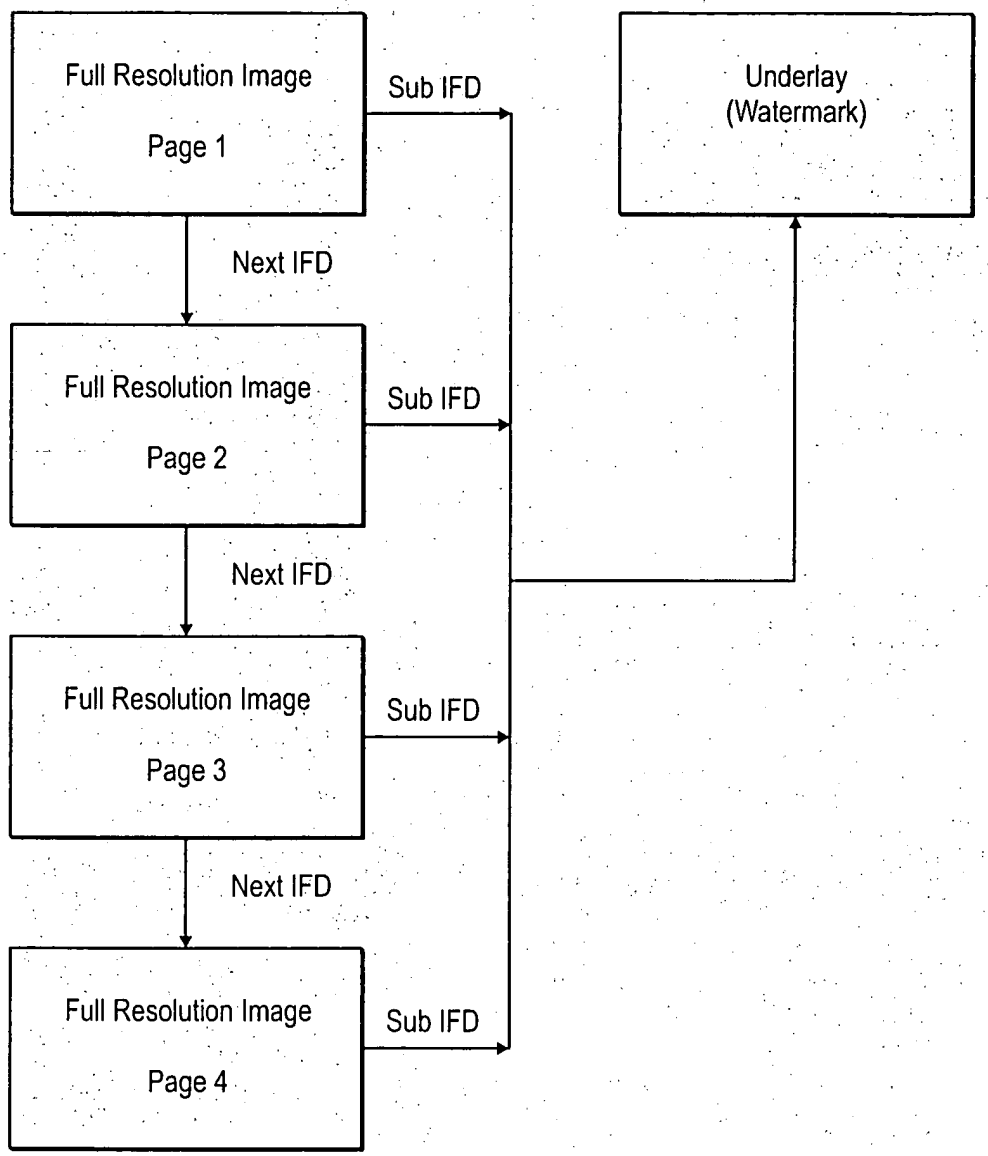
Full Resolution Image
Page 1
Sub IFD
Underlay
(Watermark)
Next IFD
Full Resolution Image
Page 2
Sub IFD
Next IFD
Full Resolution Image
Page 3
Sub IFD
Next IFD
Full Resolution Image
Page 4
Sub IFD

Fig. 10

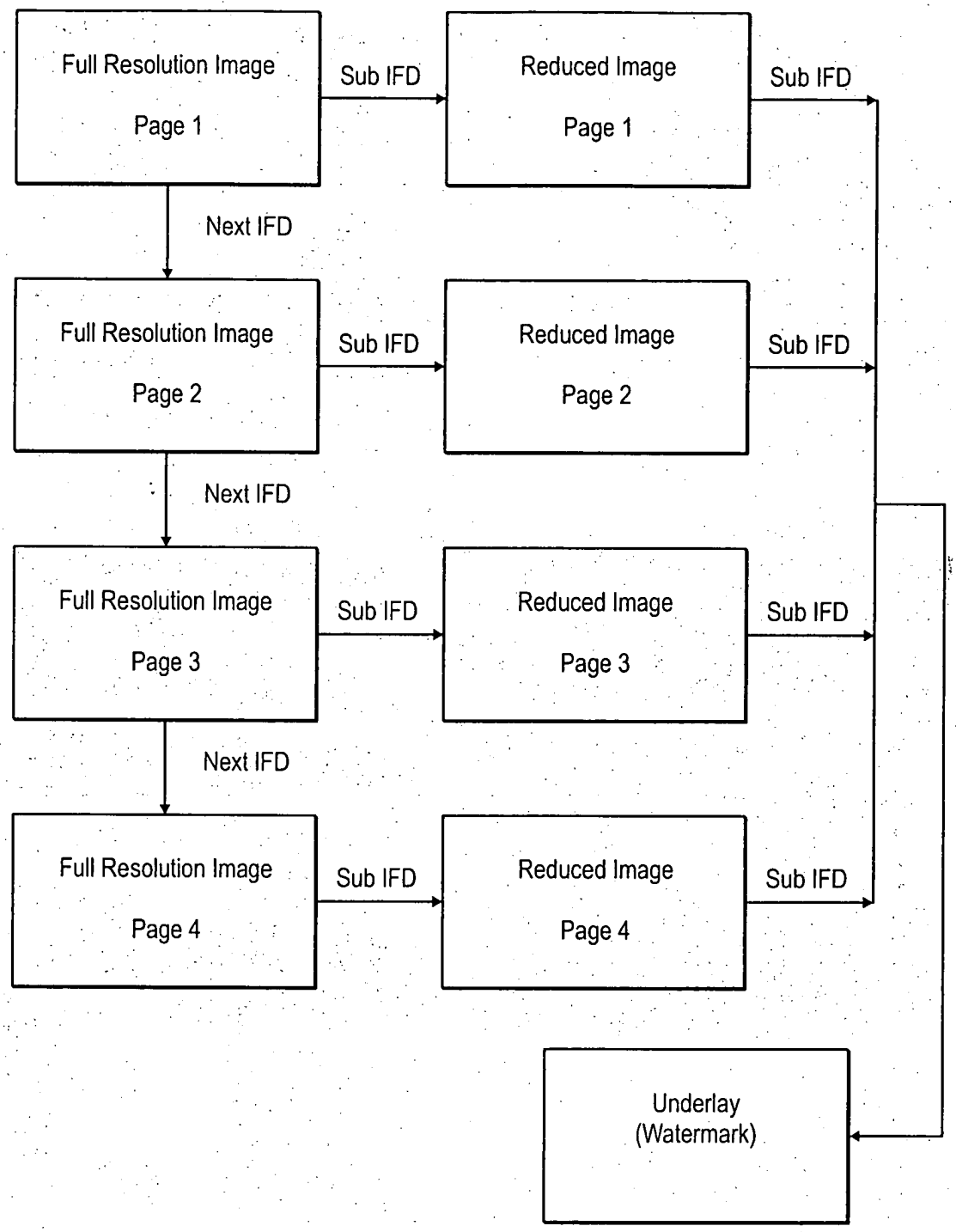
Full Resolution Image
Page 1
Sub IFD
Reduced Image
Page 1
Sub IFD
Next IFD
Full Resolution Image
Page 2
Sub IFD
Reduced Image
Page 2
Sub IFD
Next IFD
Full Resolution Image
Page 3
Sub IFD
Reduced Image
Page 3
Sub IFD
Next IFD
Full Resolution Image
Page 4
Sub IFD
Reduced Image
Page 4
Sub IFD
Underlay
(Watermark)

Fig. 11

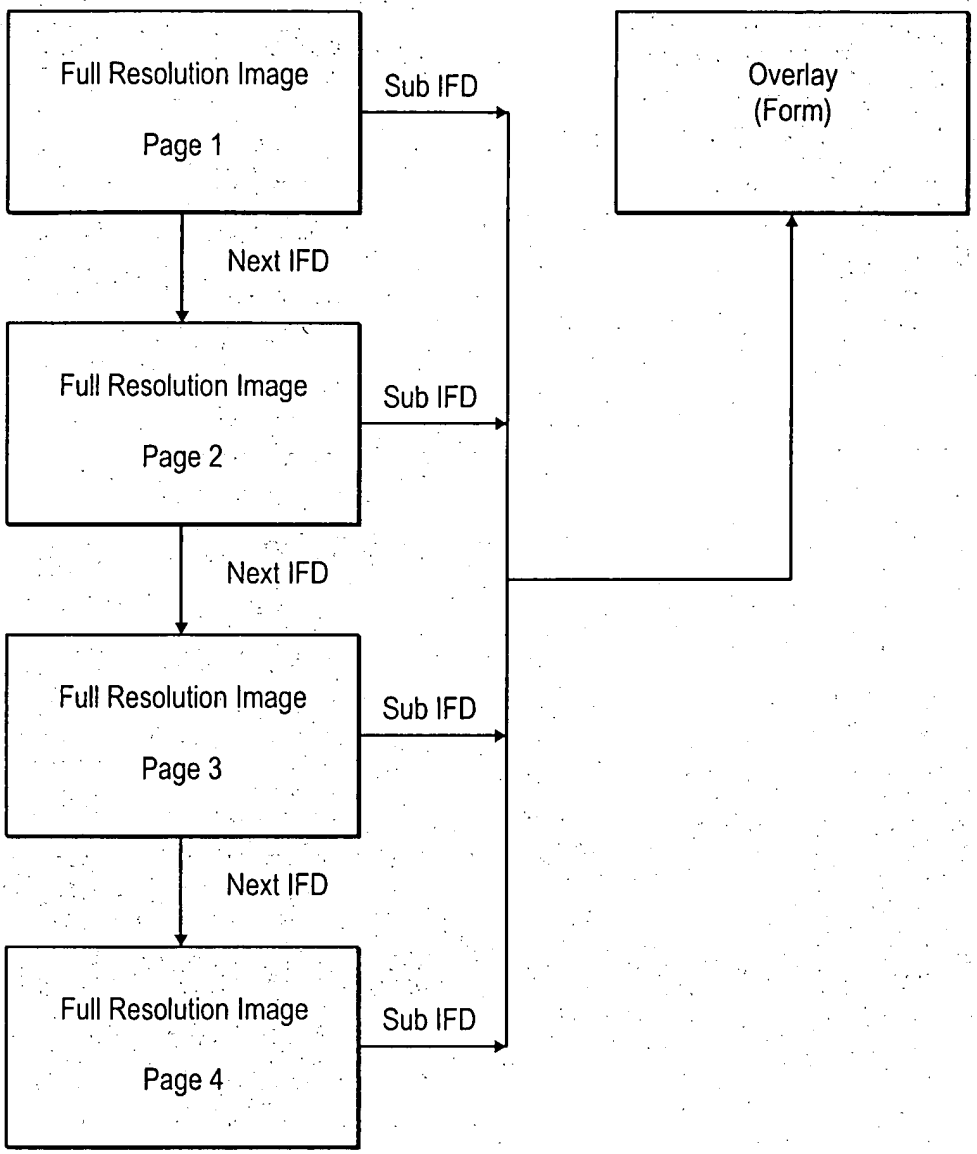
Full Resolution Image
Page 1
Sub IFD
Overlay
(Form)
Next IFD
Full Resolution Image
Page 2
Sub IFD
Next IFD
Full Resolution Image
Page 3
Sub IFD
Next IFD
Full Resolution Image
Page 4
Sub IFD

Fig. 12

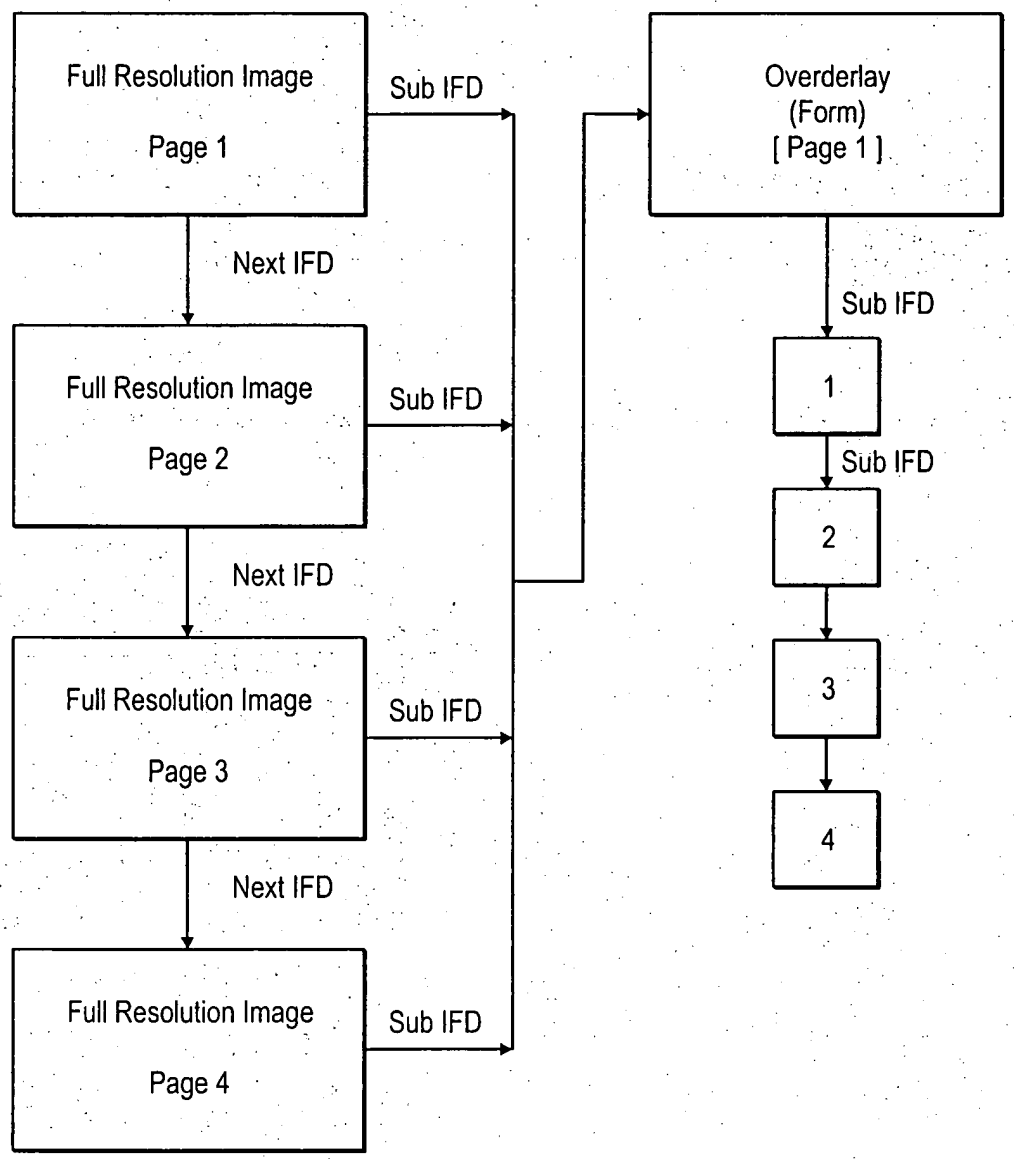
Full Resolution Image
Page 1
Sub IFD
Next IFD
Full Resolution Image
Page 2
Sub IFD
Next IFD
Full Resolution Image
Page 3
Sub IFD
Next IFD
Full Resolution Image
Page 4
Sub IFD
Overderlay
(Form)
[Page 1]
Sub IFD
1
Sub IFD
2
3
4

Fig. 13

Image 1

Full Resolution Image

MergeSubfileIFD=SubIFD 1
MergeSubfileX=x
MergeSubfileY=y

MergeSubfileIFD=SubIFD 2
MergeSubfileX=-1
MergeSubfileY=-1

Image 1

Overlay

MergeSubfileX=x2
MergeSubfileY=y2

SubIFD 2

Overlay

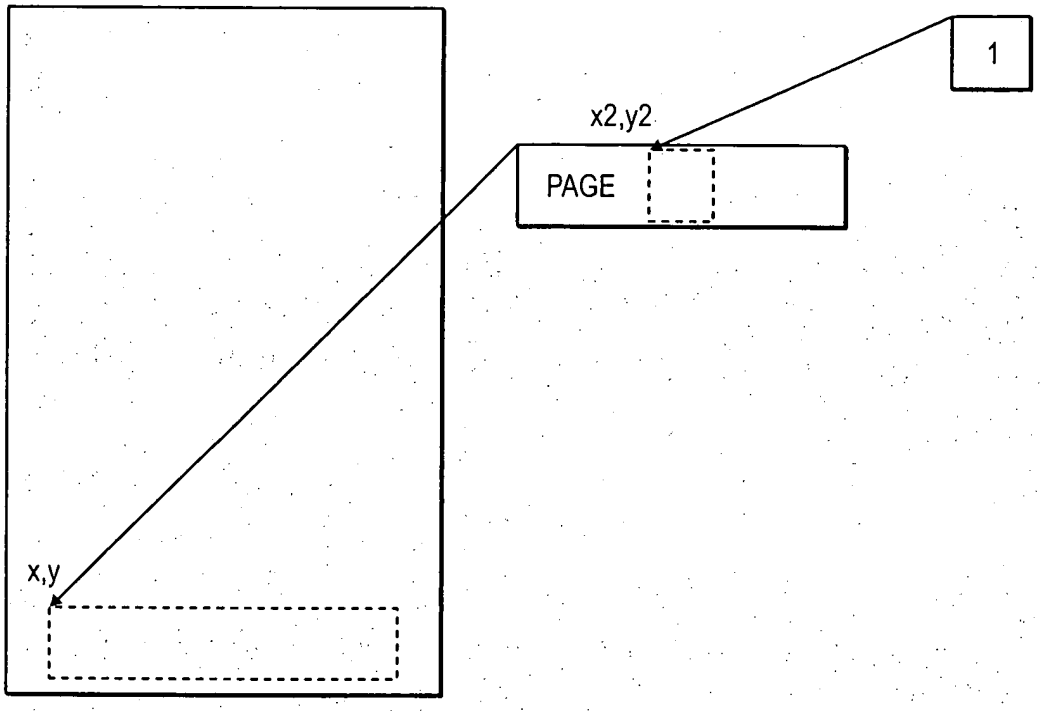

Fig. 14